

Top 20 Chemicals with Largest Total On-site and Off-site Releases, Electric Utilities (SIC Codes 491/493), 1999

CAS Number Chemical		On-site Releases								Off-site Releases Transfers Off-site to Disposal Pounds	Total On- and Off-site Releases Pounds
		Total Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection		On-site Land Releases					
				Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Total On-site Releases Pounds			
7647-01-0	Hydrochloric acid	615,428,784	11	0	0	0	5	615,428,800	0	615,428,800	
--	Barium compounds	2,213,061	1,061,682	0	0	600,000	142,937,546	146,812,289	33,984,111	180,796,400	
7664-93-9	Sulfuric acid	152,853,011	6	0	0	0	0	152,853,017	17,800	152,870,817	
7664-39-3	Hydrogen fluoride	58,264,893	11	0	0	0	86,120	58,351,024	15,743	58,366,767	
--	Manganese compounds	505,509	485,010	0	0	180,081	31,981,637	33,152,237	5,906,702	39,058,939	
--	Zinc compounds	2,255,717	335,379	0	0	80,408	25,191,550	27,863,054	4,834,770	32,697,824	
--	Copper compounds	339,846	272,026	0	0	315,000	13,267,619	14,194,491	2,285,567	16,480,058	
--	Nickel compounds	718,154	156,607	0	5	34,500	10,326,171	11,235,437	1,991,221	13,226,658	
--	Chromium compounds	259,377	96,385	0	0	89,000	10,444,248	10,889,010	2,046,124	12,935,134	
--	Lead compounds	153,039	24,335	0	0	0	5,606,969	5,784,343	662,079	6,446,422	
--	Arsenic compounds	142,287	161,151	0	0	0	4,922,742	5,226,180	999,087	6,225,267	
7440-39-3	Barium	150,261	55,281	0	0	0	3,897,093	4,102,635	1,372,843	5,475,478	
7664-41-7	Ammonia	4,435,805	72,150	0	0	0	247,690	4,755,645	23,807	4,779,452	
--	Cobalt compounds	43,272	24,943	0	0	0	3,509,799	3,578,014	400,998	3,979,012	
7440-66-6	Zinc (fume or dust)	2,404,456	7,895	0	0	0	99,014	2,511,365	168,777	2,680,142	
7439-96-5	Manganese	10,440	140,492	0	0	0	608,912	759,844	866,249	1,626,093	
--	Nitrate compounds	0	1,452,500	0	0	0	0	1,452,500	0	1,452,500	
--	Selenium compounds	506,966	40,659	0	0	0	738,745	1,286,370	61,873	1,348,243	
7440-02-0	Nickel	38,598	1,401	0	0	0	69,656	109,655	893,005	1,002,660	
--	Antimony compounds	11,005	23,008	0	0	0	742,237	776,250	169,121	945,371	
	Subtotal	840,734,481	4,410,932	0	5	1,298,989	254,677,753	1,101,122,160	56,699,877	1,157,822,037	
	Total*	841,919,820	4,510,038	0	5	1,298,989	256,822,151	1,104,551,003	57,958,243	1,162,509,246	

Note: On-site Releases are from Section 5 of Form R. Off-site Releases are from Section 6 (transfers off-site to disposal) of Form R. Off-site Releases include metals and metal compounds transferred off-site for solidification/stabilization and for wastewater treatment, including to POTWs. Off-site Releases do not include transfers to disposal sent to other TRI Facilities that reported the amount as an on-site release.

* Total for Electric Utilities (SIC Codes 491/493)